

SEP 14 2001

Substitute for form 1449A/PTO

(use as many sheets as necessary)
Sheet 1 of 3

Application Number	09/833,222	14 2001 1600/2900
Filing Date	April 11, 2001	
First Named Inventor	QIN	
Group Art Unit		
Examiner Name		
Attorney Docket Number	ORT-1414	

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Examiner Signature	Date Considered	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**(use as many sheets as necessary)
Sheet 2 of 3

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
SHS ↓	2	BEAN et al., 1989. Clases of Calcium Channels in Vertebrate Cells. Annu. Rev. Physiol. 51:367-84
	3	BERTOLINO et al., 1992. The Central Role of Voltage-Activated and Receptor-Operated Calcium Channels in Neuronal Cells. Annu. Rev. Pharmacol. Toxicol. 32:399-421
	4	BIRNBAUMER et al., 1998. Structures and Functions of Calcium Channel β Subunits. Journal of Bioenergetics and Biomembranes. Vol. 30(4): 357-375
	5	CASTELLANO et al., 1993. Cloning and Expression of a Neuronal Calcium Channel β Subunits. The Journal of Biological Chemistry. Vol. 268(17) Issue of June 15, pp. 12359-12366
	6	CASTELLANO et al., 1993. Cloning and Expression of a Third Calcium Channel β Subunits. The Journal of Biological Chemistry. Vol. 268(5) Issue of February 15, pp. 3450-3455
	7	CATTERALL. 1988. Structure and Function of Voltage-Sensitive Ion Channels. Science, 242:50-61
	8	D'ANDREA et al., 1998. Characterization of Protease-activated Receptor-2 Immunoreactivity in Normal Human Tissues. The Journal of Histochemistry & Cytochemistry. 46(2):157-164
	9	ELLIS et al., 1988. Sequence and Expression of mRNAs Encoding the α_1 and α_2 Subunits of a DHP-Sensitive Calcium Channel. Science. 241:1661-1664
	10	ERTEL et al., 2000. Nomenclature of Voltage-Gated Calcium Channels. Neuron. 25:533-535
	11	FELEX et al., 1997. Dissection of Functional Domains of the Voltage-Dependent Ca^{2+} Channel $\alpha_2\delta$ Subunit. The Journal of Neuroscience. 17(18):6884-6891
	12	GEE et al., 1996. The Novel Anticonvulsant Drug, Gabapentin (Neurontin), Binds to the $\alpha_2\delta$ Subunit of a Calcium Channel. 271(10), Issue of March 8, pp. 5768-5776
	13	GILAD et al., 1995. Identification of the alternative spliced form of the $\alpha_2\delta$ subunit of voltage sensitive Ca^{2+} channels expressed in PC12 cells. Neuroscience Letters. 193:157-160
	14	GURNETT et al., 1996. Transmembrane auxiliary Subunits of Voltage-dependent Ion Channels. The Journal of Biological Chemistry. 271(45), Issue of November 8, pp. 27975-27978
	15	GURNETT et al., 1996. Dual Function of the Voltage-Dependent Ca^{2+} Channel $\alpha_2\delta$ Subunit in Current Stimulation and Subunit Interaction. Neuron. 16:431-440
	16	HESS, 1990. Calcium Channels in Vertebrate Cells. Annu. Rev. Neurosci. 13:357-566
	17	HOSEY et al., L-Type Calcium Channels in Cardiac and Skeletal Muscle Pinnation and Phosphorylation. Annals New York Academy of Sciences. pp. 27-68
SHS ↓	18	HUI et al., 1991. Molecular Cloning of Multiple Subtypes of a Novel Rat Brain Isoform of the α_1 Subunit of the Voltage-Dependent Calcium Channel. Neuron. 7:35-44
	19	JAY et al., 1990. Primary Structure of the γ Subunit of the DHP-Sensitive Calcium Channel from Skeletal Muscle. Science. 248:490-492
	20	KLUGBAUER et al., 1999. Molecular Diversity of the Calcium Channel $\alpha_2\delta$ Subunit. The Journal of Neuroscience. 19(2):684-691
	21	KOZAK, 1991. An analysis of Vertebrate mRNA Sequences: Intimations of Translational Control. The Journal of Cell Biology. 115(4):887-903
	22	LACERAD et al., 1991. Normalization of current kinetics by interaction between the α_1 and β subunits of the skeletal muscle dihydropyridine-sensitive Ca^{2+} channel. Nature. 352:527-530
	23	LEE et al., 1999. Cloning and Expression of a Novel Member of the Low Voltage-Activated T-Type Calcium Channel Family. The Journal of Neuroscience. 19(6):1912-1921
	24	LITTLETON et al., 2000. Ion Channels and Synaptic Organization: Analysis of the Drosophila Genome. Neuron. 26:35-43
	25	MIKAMI et al., 1989. Primary structure and functional expression of the cardiac dihydropyridine-sensitive calcium channel. Nature. 340:230-233
	26	MORI et al., 1991. Primary structure and functional expression from complementary DNA of a brain calcium channel. Nature. 350:398-402
	27	PEREZ-REYES et al., 1989. Induction of calcium currents by the expression of the α_1 -subunit of the dihydropyridine receptor from skeletal muscle. Nature. 340:233-236
	28	PEREZ-REYES et al., 1992. Cloning and Expression of a Cardiac/Brain β Subunit of the L-type Calcium Channel. The Journal of Biological Chemistry. 267(3) Issue of January 25, pp. 1792-1797

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Examiner Signature	Shulamith H. Shafer	<small>Digitally signed by Shulamith H. Shafer DN: cn=Shulamith H. Shafer, o=US, c=US, email=shulamith.shafer@nps.gov Date: 2006.12.07 12:52:00 -0500</small>	Date Considered	12/07/2006
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